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**POLLUTION REPORT****I. HEADING**

**Date:** March 30, 2000

**Subject:** Sauget Area 2, Site Q, Cahokia, St. Clair County, Illinois

**From:** Kevin Turner, U.S. EPA On-Scene Coordinator, Region 5

**To:** K. Mould, U.S. EPA, OSWER, Washington, DC  
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K. de la Bruene, U.S. F&WS  
S. Davis, Illinois DNR

**POLREP:** #12 Fund Lead Removal

**II. BACKGROUND**

<b>Site No:</b> 05XX	<b>Task Order No:</b> 0047
<b>CERCLIS No:</b> ILD000605790	<b>Response Authority:</b> CERCLA
<b>NPL Status:</b> Non NPL	<b>State Notification:</b> 10/21/98
<b>Start Date:</b> 10/18/98	<b>Demobilization Date:</b> N/A
<b>Completion Date:</b> N/A	<b>Status of Action Memorandum:</b> Signed 09/24/99

**III. SITE DESCRIPTION**

**A. Incident Category:** Former waste disposal site

**B. Site Location:** 70 Cargill Road  
Cahokia, Illinois 62206

Site Latitude: 38°34'93.5"  
Site Longitude: 90°12'0.6"

**1. Site description:**  
See initial Pollution Report for site background.

**2. Description of threat:**

See initial Pollution Report for description of threat.

**C. Preliminary Assessment/Site Inspection Results**

See initial Pollution Report for Preliminary Assessment.

**IV. RESPONSE INFORMATION****A. Situation****1. Current situation:**

Eight areas of various sizes have been investigated and waste removed from Site Q. Additional areas of contamination are suspected to be on site. Waste excavated has been staged on site for disposal. Based upon analytical results of the separate waste piles, two waste streams have been developed. A low level PCB waste stream (soil <50 ppm) is being shipped via truck to the Milam Recycling and Disposal Facility located in East St. Louis, Illinois. 113 trucks, each containing approximately 20 tons of waste were shipped off site between March 20 and March 22, 2000. A PCB waste stream (soil containing >50 ppm) is being shipped via rail car to the Safety-Kleen Lone & Grassy Mountain facility, located in Waynoka, Oklahoma. During this period 39 rail cars, each containing approximately 90 tons of material were shipped off to the disposal facility. ERRS has excavated soil from within the east and west ponds and staged the clean soil over the excavation areas for grading and seeding purposes. Drums excavated on site have been crushed and added to either waste stream. Excavated drums that were void of waste material were added to either PCB waste stream; and drums that contained waste were added to the >50 ppm PCB waste stream. Drums/containers with distinguishing marks and labels have been documented and will be added to the PCB waste stream or be archived for future investigations.

**2. Removal activities to date:**

3,271 drums have been excavated from the site to date. Waste and contaminated soil generated from the excavations is staged on the property, and awaiting off-site disposal. Additional drums may be discovered when ERRS scrapes soil under waste stock piles.

**3. Enforcement:**

Cost recovery actions are pending.

**B. Planned Removal Actions**

- Continue to transfer and disposal of site wastes.

- The U.S. EPA Fields Team will map the entire site and identify site features using a global positioning system.
- Soil sampling throughout the area.
- Cover, grade and install erosion protection measures over excavated areas.
- Seed covered areas to provide vegetative cover to aid in preventing erosion and migration of soils.

**C Next Steps**

Continue transfer and disposal of site wastes and map site. Determine areas of sampling to determine areas and extent of contamination on site.

**D. Key Issues**

- Continue transfer and disposal of site wastes.
- Determine the extent of contamination on site.
- Cost recovery.

**V. COSTS**

Total Cleanup Contractor (e.g. ERRS) Costs	\$1,829,500.
START	\$73,815.
U.S. EPA	\$50,000.
<u>TOTAL SITE COST</u>	<u>\$1,953,315.</u>
Project Ceiling	\$2,400,000.00
Project Funds Remaining (percentage)	18.6%

The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor. Other financial data, which the OSC must rely upon, may not be entirely up to date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

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**VI. DISPOSITION OF WASTES**

<u>Wastestream</u>	<u>Medium</u>	<u>Quantity</u>	<u>Transportation</u>	<u>Treatment</u>	<u>Disposal</u>
PCB	Soil	5,400 tons	Gondola Rail Cars	Lead Fixation	Landfill
PCB	Soil	11,782 tons	Gondola Rail Cars	N/A	Landfill
Low-level PCB	Soil	2,260 tons	Truck	N/A	Landfill
Drums (crushed)	Solid	2,200	Gondola Rail Car and/or truck	N/A	Landfill